

## ABSTRACT

A system or method enables a two tier computer application to operate in a three tier computer environment without specific programming for the three tier environment. Such a system or method receives a database call at a computer system and maps the database call to a general programming language call of a computer application. The general programming language call is executed to invoke functions of the computer application that correspond to functions of the database call. The general programming language call may be an Enterprise Java Bean (EJB) call. An application server receives the database call and maps the database call to the general programming language call. In response to executing the general programming language call, the application server generates a second database call to the database that may either correspond directly or indirectly to the database call received at the application server. The database calls may both be SQL calls. The general computer programming language may have EJB components that are analyzed to determine the correspondence between the database elements and the elements of the components that access the database elements. Methods of the EJB components may be identified for use in determining the correspondence. The methods may be identified by searching for a method of the form <command prefix>XXX, where the prefix is a "get" or "set" method.

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